

TAMPERE.
FINLAND

Tampella

Actions and the future of sustainable mobility in Tampere

Stardust seminar 7 June 2023, Tampere

Head of planning

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City of Tampere – Public Transport
(Nysse)

Sustainable Urban Mobility Plan (2021)

Focus Areas

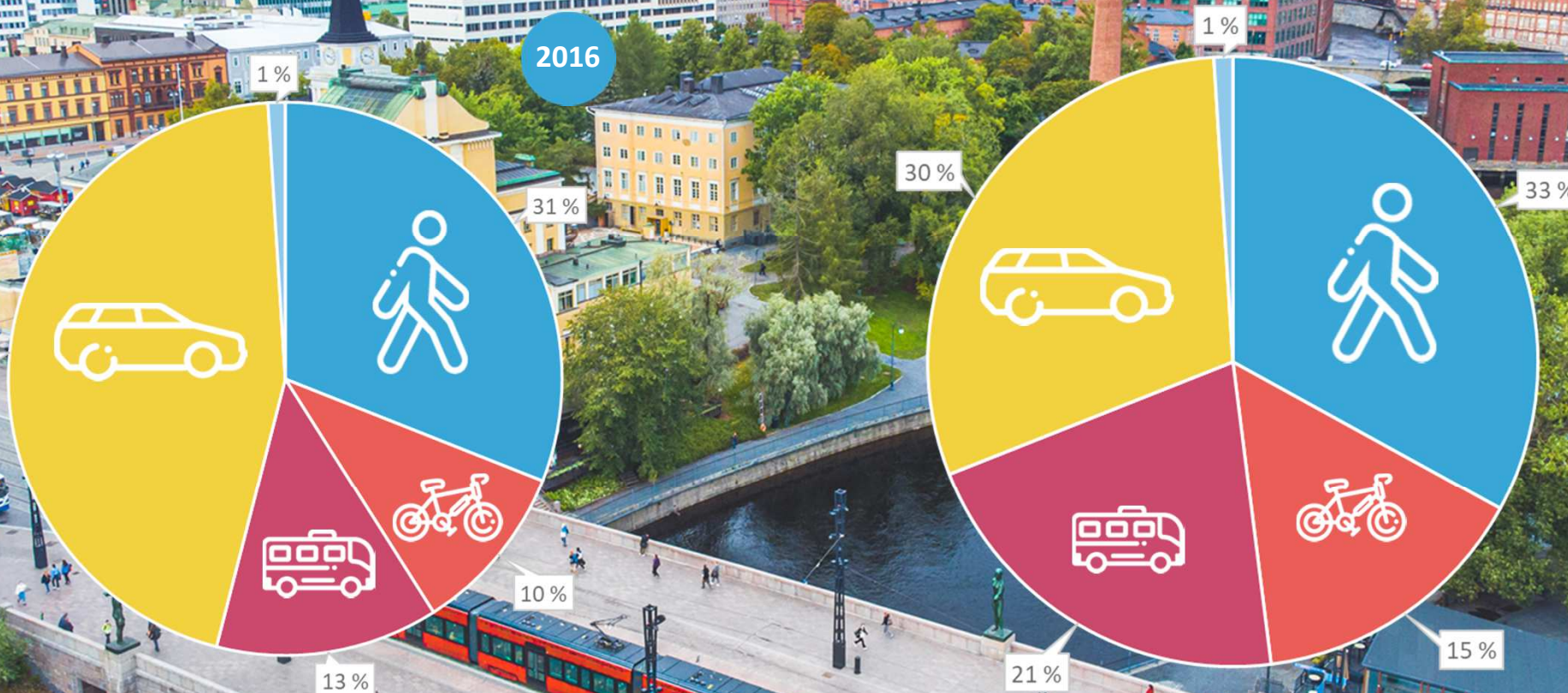


Mobility in Tampere

- Tram started on two routes in 2021
 - Second stage under construction 2021-2024
 - Regional tramway extension 2025-
- Regional and local bus network and trunk lines being developed
- Local commuter train tickets integrated in 2021-22
- New cycling possibilities, City Bikes, scooters, Park & Ride
- Investments, infrastructure + mobility management



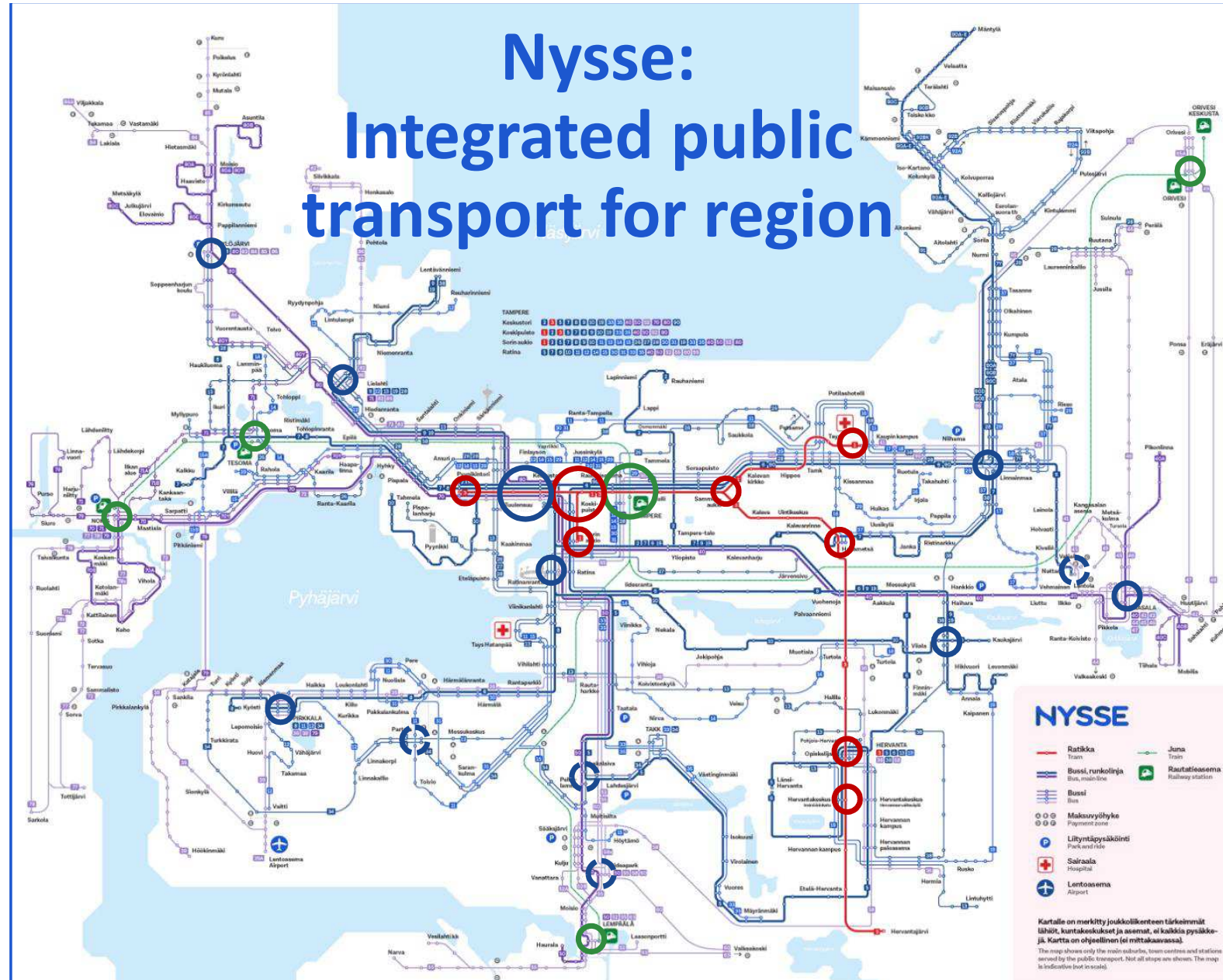
How do we move ourselves in Tampere?



City of Tampere is PTA for

- Customers
- 42 000 000 boardings/yr.
- ca. 400 000 inhabitants
- 8 municipalities
- **Trams (20 pcs)**
- **Buses (300 pcs)**
- Trains are under authority of ministry of transportation
- **Integrating**
 - Different transport modes together
 - Public transport to people's everyday life
 - Public transport to land use planning and real estate development

Nysse: Integrated public transport for region



First generation of electric buses in Tampere 1948 - 1976

ONNIKOITA JA ROLLIKOITA



Kuva 39. Nyt (9.11.1948)

Second generation of electric buses in Tampere, 2016 - 2021



- 40 years after closing down last trolley bus line Nysse started with 4 electric buses
 - Opportunity charging at Pyyrikintori terminus
 - As a part of Stardust equipment was installed to collect all available data from buses and charging station
- This 5 year pilot ended in December 2021
 - Economically and operationally better options came to market

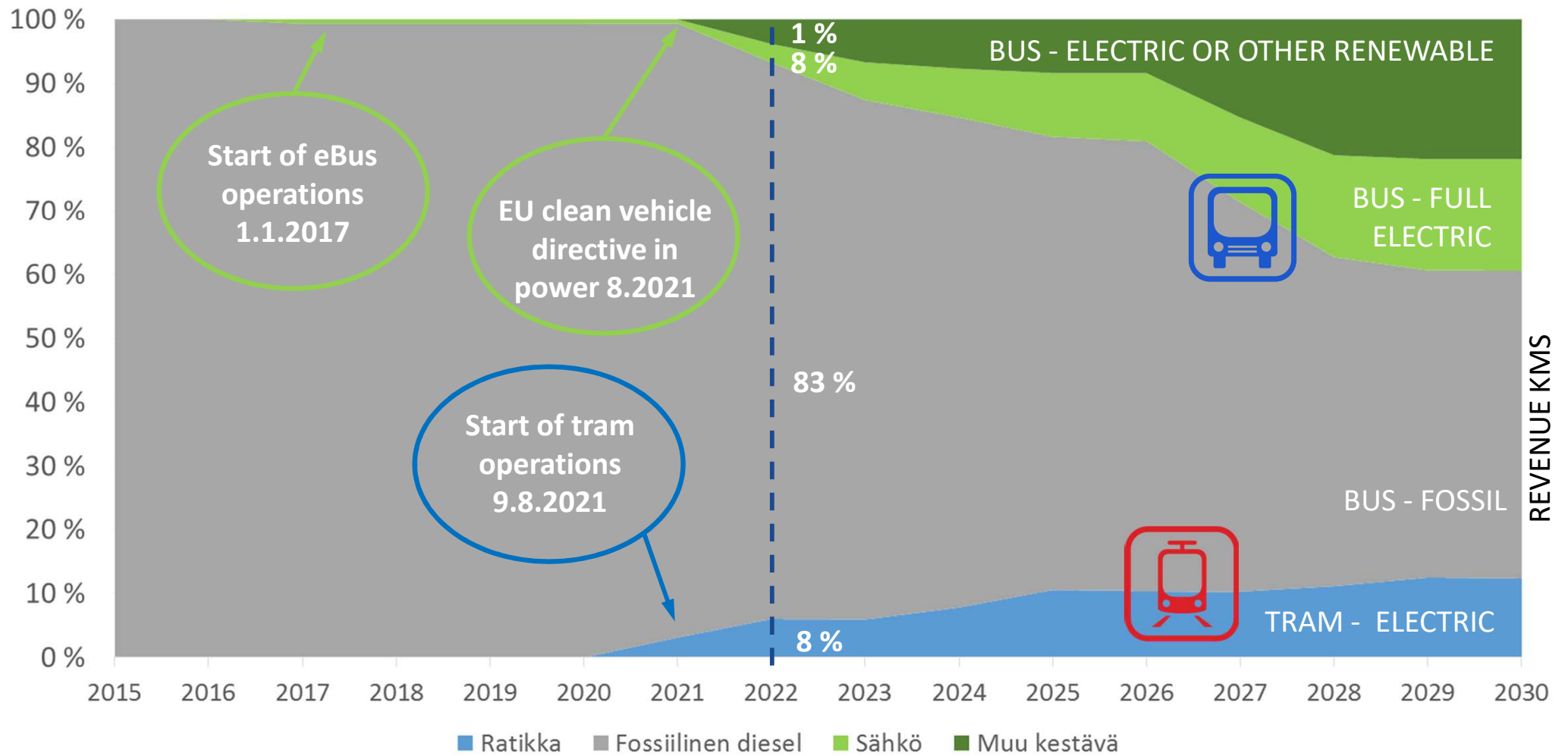
Third generation of electric buses in Tampere 2022 onwards



- High battery capacity and range – no more opportunity charging
- Easily adaptable in all routes
- Lower overall cost compared to fossil diesel buses
- 22 electric buses started to run in summer 2022
- 12 more electric buses will start in summer 2023
- 20 more electric buses expected to start in 2024

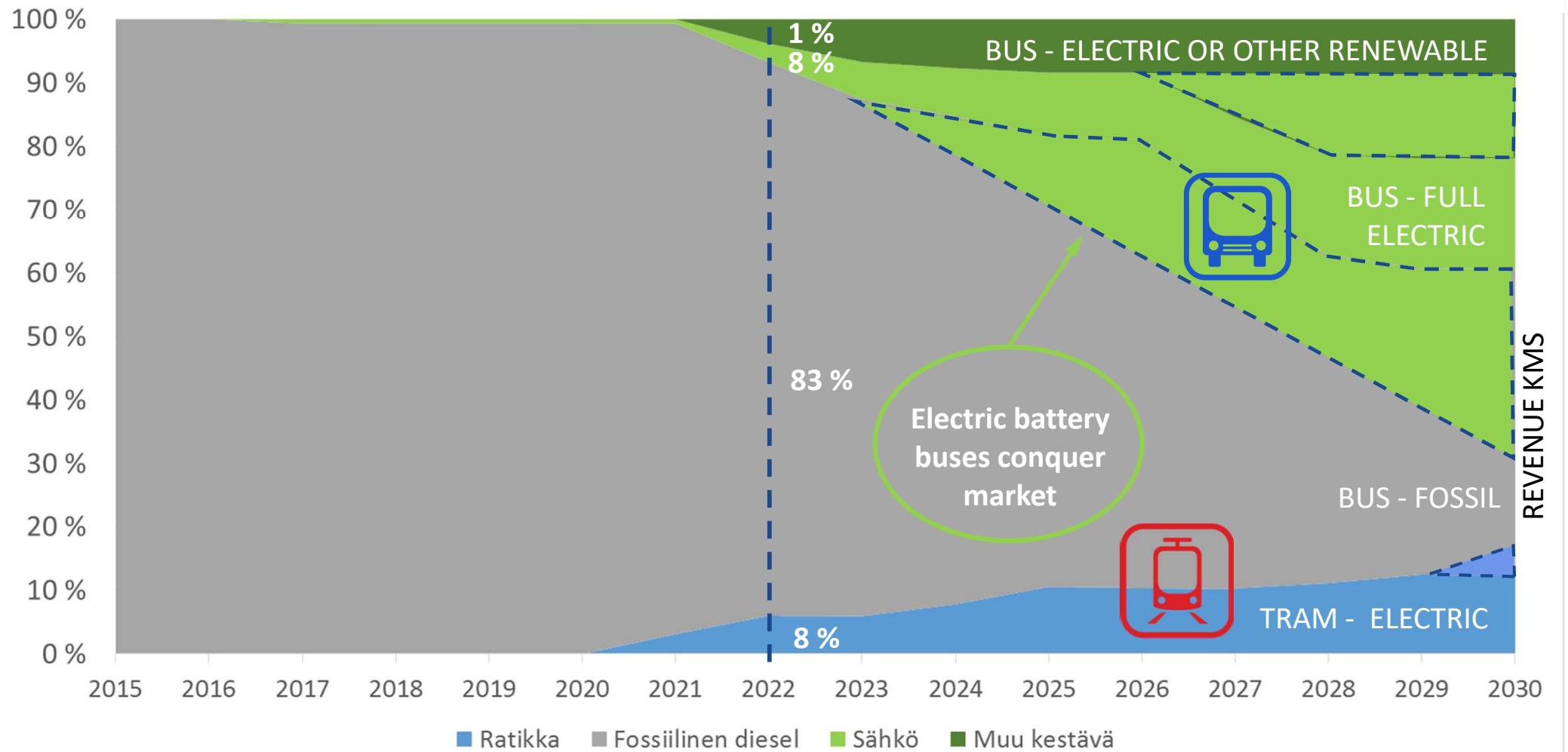
Rapid change in bus market

(Background: Nysse minimum renewable scenario from 2019)



Rapid change in bus market

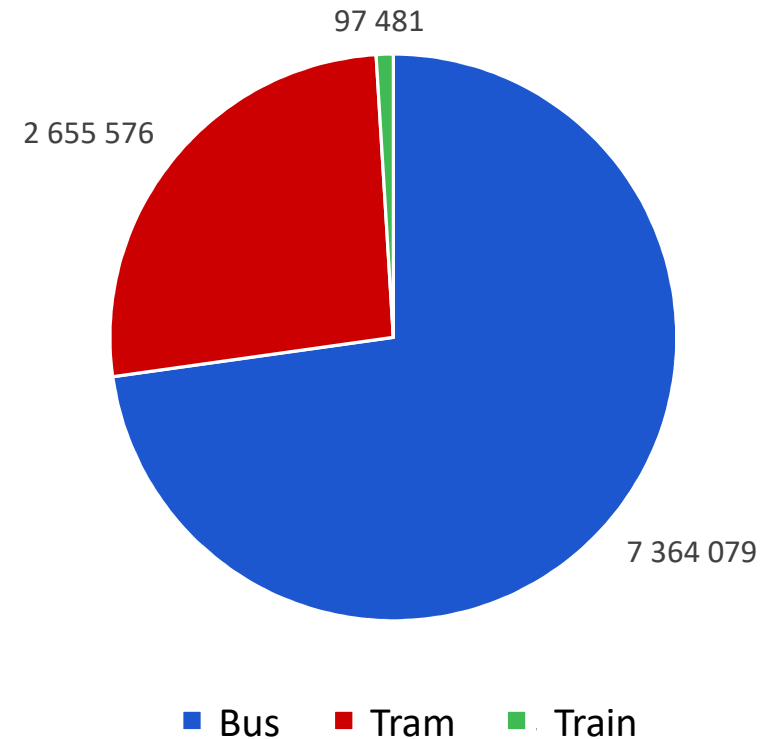
(Background: Nysse minimum renewable scenario from 2019)



Shares of PT modes

- Tram lines produce only 6 % of revenue-km, but over 25 % of public transport trips
- In addition to PT energy transition towards renewables we have to work hard for modal shift to sustainable modes of transport

Tampere region, boardings
Q2/2022, total 10,1M



Key learnings?

- Sometimes you analyze wrong problem without knowing it – never mind there will be new problems ahead 😊
- Money talks – Sustainable solutions have to be best also in economics
- EU actions and regulations have strong power (LED lighting, eBuses...)



[Tampere | The way we move | BBC StoryWorks](#)



Thank you!

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